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Datasheet for ABIN6982839

anti-HOXD10 antibody (AA 111-210) (Biotin)

Overview

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|----------------------|---|
| Quantity: | 100 µL |
| Target: | HOXD10 |
| Binding Specificity: | AA 111-210 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HOXD10 antibody is conjugated to Biotin |
| Application: | Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human HOXD10 |
| Isotype: | IgG |
| Cross-Reactivity: | Rat |
| Predicted Reactivity: | Human, Mouse, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | HOXD10 |
| Alternative Name: | HOXD10 (HOXD10 Products) |

Target Details

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| Background: | <p>Synonyms: Homeo box D10, Homeobox protein Hox-4D, Homeobox protein Hox-4E, Homeobox protein Hox-D10, Hox 4.5, Hox 4D, Hox 4E, HOX4D, HOXD10, HXD10, HXD10_HUMAN, Hox 5.3.</p> <p>Background: This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox D genes located on chromosome 2. The encoded nuclear protein functions as a sequence-specific transcription factor that is expressed in the developing limb buds and is involved in differentiation and limb development. Mutations in this gene have been associated with Wilm's tumor and congenital vertical talus (also known as "rocker-bottom foot" deformity or congenital convex pes valgus) and/or a foot deformity resembling that seen in Charcot-Marie-Tooth disease. [provided by RefSeq, Jul 2008]</p> |
| Gene ID: | 3236 |
| UniProt: | P28358 |

Application Details

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| Application Notes: | IHC-P 1:200-400 IHC-F 1:100-500 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C for 12 months. |
| Expiry Date: | 12 months |